

Application No. 09/683,238

**Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

1. (Currently Amended) A method for enriching document content, comprising:

recording a digitally readable identifier of a personality identifier using a reader;

recording context information with the reader when the personality identifier is recorded;

identifying document content with the reader using the recorded context information;

transmitting from the reader the identified document content and personality identifier to a meta-document server;

associating at the meta-document server the personality identifier with a personality in a database of personalities;

enriching at the meta-document server the identified document content using a set of document service requests identifying enrichment themes that are defined by the associated personality; and

making at the meta-document server the enriched document content available;

wherein said enriching recognizes and annotates entities in the identified document content related to the enrichment theme of the associated personality;

wherein ~~the recognized entities in the identified document content are annotated differently~~ the recorded context information is used to assign different personality identifiers depending on what time of year the personality identifier is recorded by the reader.

Application No. 09/683,238

2. **(Currently Amended)** The method according to claim 1, further comprising transmitting the recorded personality Identifier [[and context information]] to a meta-document server; wherein the meta-document server identifies the document content, associates the identified document content with the personality identifier, and enriches the document content.

3. **(Original)** The method according to claim 2, wherein the meta-document server upon identification of the document content:

associates the personality identifier with identified document content;

recognizes, with at least a first method, an entity in the document content;

accesses, with at least a second method, a document service using the recognized entity;

annotates the identified document content with output from the document service to define enriched document content; and

makes the enriched document content available to a set of one or more users.

4. **(Previously Presented)** The method according to claim 1, wherein said recording records the digitally readable identifier from an electronic tag with an electronic tag reader.

5. **(Previously Presented)** The method according to claim 1, wherein said recording records the digitally readable identifier from embedded data recorded on a hardcopy document with a scanner.

6. **(Previously Presented)** The method according to claim 1, wherein the digitally readable Identifier is recorded with a mobile computing device that transmits document tokens with the personality identifier to the meta-document server.

Application No. 09/683,238

7. (Canceled)

8. (**Currently Amended**) The method according to claim 1, wherein the recorded context information ~~[[is one of]]~~ further comprises position information ~~[[and time information]]~~.

9. (Previously Presented) The method according to claim 8, wherein the recorded context information is one of a timestamp that records when the recording took place and a position identifier that identifies a position of a physical object.

10. (Original) The method according to claim 1, further comprising providing notification that the enriched document content is available.

11. (**Currently Amended**) A system for enriching document content, comprising:

a digitally readable identifier of a personality identifier;

a reader for recording the personality identifier; the reader recording context information when the personality identifier is recorded and identifying document content using the recorded context information; and

a meta-document server for receiving from the reader the recorded personality identifier and the identified document content, associating the personality identifier with a personality in a database of personalities, enriching the identified document content using a set of document service requests identifying enrichment themes that are defined by the associated personality, and making the enriched document content available;

wherein the meta-document server recognizes and annotates entities in the identified document content related to the enrichment theme of the associated personality;

wherein ~~the recognized entities in the identified document content are annotated differently~~ the recorded context information is used to assign different

Application No. 09/683,238

personality Identifiers depending on what time of year the personality identifier is recorded by the reader.

12. (Previously Presented) The system according to claim 11, wherein the reader is an electronic tag reader that records the digitally readable identifier from an electronic tag.

13. (Previously Presented) The system according to claim 11, wherein the reader is a scanner that records the digitally readable identifier from embedded data recorded on a hardcopy document.

14. (Previously Presented) The system according to claim 11, wherein the reader is a mobile computing device that transmits document tokens with the personality identifier to the meta-document server.

15. (Canceled)

16. (Previously Presented) The system according to claim 17, wherein the recorded context information is one of a timestamp that records when the recording took place and a position identifier that identifies a position of a physical object.

17. (Previously Presented) The system according to claim 11, wherein the recorded context information is one of position information and time information.

18. (Previously Presented) The system according to claim 14, wherein the mobile computing device identifies position coordinates where the personality identifier is recorded.

Claims 19 – 20 (Canceled).

Application No. 09/683,238

21. **(Currently Amended)** An article of manufacture for enriching document content, the article of manufacture comprising computer usable media including computer readable instructions embedded therein that causes [[a computer]] a plurality of computers to perform a method, wherein the method comprises:

recording a digitally readable identifier of a personality identifier using a reader;

recording context information with the reader when the personality identifier is recorded;

identifying document content with the reader using the recorded context information;

transmitting from the reader the identified document content and personality identifier to a meta-document server;

associating at the meta-document server the personality identifier with a personality in a database of personalities;

enriching at the meta-document server the identified document content using a set of document service requests identifying enrichment themes that are defined by the associated personality; and

making at the meta-document server the enriched document content available;

wherein said enriching recognizes and annotates entities in the identified document content related to the enrichment theme of the associated personality;

wherein ~~the recognized entities in the identified document content are annotated differently~~ the recorded context information is used to assign different personality identifiers depending on what time of year the personality identifier is recorded by the reader.

22. **(Currently Amended)** The article of manufacture according to claim 21, wherein the method further comprises:

Application No. 09/683,238

transmitting the recorded personality identifier [[and context information]] to a meta-document server;

wherein the meta-document server identifies the document content, associates the identified document content with the personality identifier, and enriches the document content.

wherein the meta-document server upon identification of the document content:

associates the personality identifier with identified document content;

recognizes, with at least a first method, an entity in the document content;

accesses, with at least a second method, a document service using the recognized entity;

annotates the identified document content with output from the document service to define enriched document content; and

makes the enriched document content available to a set of one or more users.

23. (Previously Presented) The article of manufacture according to claim 21, wherein the recorded context information is one of position information and time information.

24. (Previously Presented) The article of manufacture according to claim 23, wherein the recorded context information is one of a timestamp that records when the recording took place and a position identifier that identifies a position of a physical object.